

# The Gazette of India



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## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 14th January 1961

#### CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2 dated 12th November 1960—

In page 326, column 2, under the Heading "Applications Accepted"—

for "Accepted on 27th October,"

read "Accepted on 27th October, 1960"

In page 331, Column 1, under the Heading "Name Index of the Applicants" for Patents for the Month of October 1960 (Nos. 73522 to 73932)—

In group "K"—

for "Kondayya, K.-73755"

read "Kondayya, K.-73655"

and

for "Kuhl, G. D., Dr.-73649"

read "Kuhl, G. W., Dr.-73649"

(2)

In the Gazette of India, Part III, Section 2, dated 19th November 1960—

In page 335, Column 1, under the Heading "Applications Accepted"—

"Against No. 67600—

for "Esterifying dichloroacet-4-hydroxy-N-methynilide"

read "Esterifying dichloroacet-4-hydroxy-N-methyl-

anilide"

In page 335, Column 2, under the Heading "Applications Accepted"—

Against No. 67881—

O

for "CH<sub>2</sub>=CR<sub>1</sub>C(=O)OR<sub>2</sub>R<sub>1</sub>"

O

read "CH<sub>2</sub>=CR<sub>1</sub>C(=O)OR<sub>2</sub>R<sub>1</sub>"

In page 338, Column 2, under the Heading "Renewal Fees Paid"—

for No. "52596"

read No. "62596".

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

29th December 1960

74724. A. C. Jayaraj. A novel process of collecting large quantities of filtered water from underground water bearing strata.

74725. A. C. Padamsee. An improved vacuum flask or like container.

74726. A. C. Padamsee. Improvements in or relating to a vacuum flask or like container.

74727. Imperial Chemical Industries Limited. Stabilised polyolefine compositions. (30th December 1959).

74728. Shell Internationale Research Maatschappij N. V. Lubricating compositions.

74729. Shell Internationale Research Maatschappij N. V. Stabilized organic materials containing phenolic and phosphate compounds.

74730. J. R. Geigy A-G. Process for the production of reactive dyestuffs. [Addition to No. 73969].

74731. The General Electric Company Limited. Improvements in or relating to support means for pipes or ducts. (7th January 1960).

74732. P. E. Bessiere. Improvements in pumps, and in particular fuel injection pumps, having opposed pistons and a rotary distributing valve element.

74733. Campbell & McGill Limited. Improvements in and relating to articulated vehicles. (30th December 1959).

74734. Ludwig Binder & Co. Resilient mount for load-carrying anti-friction bearings.

74735. Ciba Limited. Animal feeding stuffs containing a new ether. [Divisional date 19th October 1959].

74736. Ciba Limited. Pharmaceutical preparations containing new ethers. [Divisional date 19th October 1959].

30th December 1960

74737. T. Watenbe. Electrostatic coating apparatus of spray-gun type.

74738. M. H. Shah. Improved pressurised fire extinguishers.

74739. "Shell" Research Limited. Novel compounds. (1st January 1960).

74740. Dr. U. S. Pandey. Comb cleaner.

74741. Societa Farmaceutici Italia. Steroid compounds.

74742. Ciba Limited. Animal feeding stuffs containing new ethers. [Divisional date 19th October 1959].

74743. Ciba Limited. Pharmaceutical preparations containing new 3:4-dihydro-1:2:4-benzothiadiazine-1:1-dioxides. [Divisional date 4th January 1960].

74744. Woodall-Duckham Construction Company Limited. A new or improved apparatus for cleaning the sealing surfaces of the doors and door frames of horizontal coke ovens. (31st December 1959).

74745. Smith Stanistreet & Company Limited. Process for the preparation of choline theobrominate.

74746. Ciba Limited. Process for the manufacture of polypeptides.

31st December 1960

74747. G. P. S. Ahluwalia. An electro-mechanical device, for minimizing damage caused by accidents to motor vehicles.
74748. Shionogi & Co. Ltd. Novel process for elimination of 4-hydroxyl group of morphinan derivatives.
74749. J. Dombrovskis. Method for the manufacture of wooden articles coated with artificial material, as table plates, window frames and the like.
74750. H. H. Sanghavi. Operable louvres for glass or the like blinds.
74751. Metal Containers (Installations) Limited. Electric resistance welding.
74752. British Telecommunications Research Limited. Improvements in electrical signalling systems. (15th February 1960). [Addition to No. 74685].
74753. Imperial Chemical Industries Limited. New dye-stuffs. (21st January 1960).
74754. The British Oxygen Company Limited. Cooling and purification of gas mixtures. (7th January 1960).
74755. American Viscose Corporation. Cellulose Crystallite aggregates in chromatographical adsorption.
74756. Military Training Device Company Aktiebolag. Apparatus for loading training for light anti-aircraft automatic guns.
74757. Atel Engineering Co. Improvements in or relating to hydraulic door closing devices.
74758. The Plessey Company Limited. Improvements in or relating to centrifugal switch assemblies.
74759. Standard Telephones and Cables Limited. Improvements in or relating to co-axial type cable and methods of manufacture thereof. (28th January 1960).
74760. Norddeutsche Seekabelwerke Aktiengesellschaft. A spraying head for the manufacturing of extruded plastic nets free from knots.

2nd January 1961

74761. N. K. Patel. Improvements relating to pressure stoves.
74762. M. Kiratrai. Ice-cream bowl with automatic stirrer.
74763. Atlas Copco Aktiebolag. Improvements in percussion tools.
74764. Unilever Limited. Improvements in or relating to devices for dispensing paste-like materials.
74765. Aktiebolaget Siefvert & Fornander. Sliding box.
74766. Ciba Limited. Process for the manufacture of steroids.
74767. Northey Rotary Compressors Limited. Rotary engines and pumps. (11th February 1960).
74768. Rutgerswerke-Aktiengesellschaft. A process for the separation of phenols and bases from their mixtures with hydrocarbons.
74769. Prerovake strojirny, narodni podnik. Automatic single belt constant weight feeder.
74770. American Cyanamid Company. 2, 21-dihydroxy-4-pregnene-3, 20 diketones and esters thereof.
74771. Licensia Patent-Verwaltungs G.M.B.H. A super-heater nuclear reactor. (30th November 1960).

3rd January 1961

74772. Benoy Ranjan Hore. Improvements in or relating to keyboard of a typewriter.
74773. Kelvin & Hughes Limited. Improvements in or relating to temperature control apparatus. (27th January 1960).
74774. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble metalliferous azo-dyestuffs and a process for their manufacture.
74775. The Cross Company. Improvements in or relating to machine tools.
74776. Aluminum Company of America. Method for improving the receptivity of aluminum surfaces to coatings.
74777. Parke, Davis & Company. A 2, 4, 5-trichlorophenol compound and process for the preparation thereof.

74778. Carrier Corporation. Absorption refrigeration systems and method of operating the same. (13th January 1960).
74779. Jnanananda Chaudhuri. Interlocking honey-comb ticket cases used by Indian Railways.
74780. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of mechanically manufacturing hollow glass objects, objects manufactured by these methods and devices for carrying out these methods.
74781. The United Steel Companies Limited and Henry Balfour & Company Limited. Improvements relating to processes and apparatus in which gases and fluidised solids are brought into contact with one another. (4th January 1960).
74782. Ciba Limited. Bis-triazinyl-aminostilbene-disulfonic acids and process for their manufacture.
74783. Ciba Limited. Manufacture of cyclosemiacetals of 18-oxo-11 $\beta$ -hydroxypregnanes.
- 4th January 1961
74784. "Shell" Research Limited. Shock alleviators for fluid-flow lines. (6th January 1960).
74785. Societe Anonyme d'Explosifs Et De Produits Chimiques. Explosive compositions and methods of producing same.
74786. The Stanton Ironworks Company Limited. Improvements in and relating to means for interconnecting adjacent pipe lengths. (31st March 1960).
74787. J. R. Geigy A.-G. New tetrmeric cyanogen halides and method for preparing same. (5th February 1960).
74788. E. Nakaya. Coating device.
74789. Pilkington Brothers Limited. Improvements in or relating to insulators. (5th January 1960).
74790. M. Pensa. An ignition device applicable to kitchens and the like.
74791. J. Vielmetter. Improvements in or relating to couplings for rail vehicles.
74792. M. K. Katakia. Improvements in or relating to coin freed vending machine.
74793. General Electric Company. Cubic boron nitride composition and method. [Addition to No. 68993].
74794. The Director, Indian Institute of Science, Bangalore. Prestressing device for wires in concrete blocks.

#### Alteration of Date

73085. Ante-dated to 17th April 1959 under Section 5 of the Act.
73086. Ante-dated to 17th April 1959 under Section 5 of the Act.
73758. Ante-dated to 2nd June 1959 under Section 5 of the Act.
74238. Ante-dated to 2nd April 1959 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

64238. National Research Development Corporation. Improvements relating to polyphase transformer arrangements and to induction machines incorporating such transformer arrangements. [Divisional date 2nd April 1959]. Accepted on 30th December 1960.  
*Which when energised from a polyphase supply will provide a plurality of phase outputs of which one or more characteristics are readily variable.*
67250. National Research Development Corporation. Improvements in or relating to transformer arrangements and to induction machines incorporating such transformer arrangements. (8th April 1958). Accepted on 30th December 1960.  
*One or more of the parameters of the transformer primary and transformer secondary are varied as a logarithmic function at one of the other parameters.*
37256. Schering Aktiengesellschaft. New N:N'-trisubstituted formamidines and a process for their manufacture and X-ray contrast media comprising the same. Accepted on 29th December 1960.  
*Reacting a primary amine with N-disubstituted formamide in presence of acid reaction promoter.*
67318. Atul Drug House. Improvements in or relating to a device for transferring vitamins and like products from one container to another in an airtight manner. Accepted on 3rd January 1961.  
*Providing ferrule with perforations in between screwed in engaging containers.*
67405. Tecalemit Limited. Improvements in reinforced flexible tubing. (24th April 1958). Accepted on 4th January 1961.  
*Comprising an inner hollow core which is formed of a synthetic plastic material, a sheath formed of a composition of natural or synthetic rubber surrounding the core and at least one intermediate layer between the core and the sheath.*
67417. Johns-Manville Corporation. Method of and apparatus for treating fibrous material to remove finely divided unwanted particles therefrom. (21st January 1959). Accepted on 31st December 1960.  
*Comprising a plurality of formaininous compartment and a plurality of agitators adapted to act on the fibrous material.*
67490. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of adhesive tapes. [Addition to No. 66803]. Accepted on 29th December 1960.  
*Coated on one side is dried without any surface irregularities by passing over a freely rotated drum, sufficiently heated to completely dry before winding.*
67610. The Director Indian Institute for Science, Bangalore. A flux process for the production of spheroidal graphite iron. Accepted on 3rd January 1961.  
*Treating molten iron with one or more of the salts selected from the group consisting of sodium fluoride, sodium silico fluoride, and sodium aluminium fluoride in presence of alumium.*
67755. D. J. Lawyer. An improved magnetic top and the like. Accepted on 31st December 1960.  
*Comprising a top made of a fly wheel fitted with a magnetic spindle and a track formed by parallel guide rails made of magnetic material on which the top moves under gravity.*
67886. Klein, Schanzlin & Becker A.G. Combined longitudinal and transverse bearing. Accepted on 3rd January 1961.  
*Wherein the tracking ring at the farther side of the transverse bearing contains a flexibly pliable disc and at the side towards the transverse bearing an annular groove is provided for lubrication.*
68125. Jaybee Group Investments (Proprietary) Limited. Improvements in burners for pressure stoves. (24th June 1958). Accepted on 23rd December 1960.  
*Comprising a nut, a fuel pipe passing through the nut, a vaporization chamber above the nut a curved pipe communicating with the vaporising chamber and a nozzle at the end of the pipe.*
68188. Marks Polarized Corporation. Flake glass panel. Accepted on 27th December 1960.  
*Comprising a plurality of thin glass flakes randomly aligned and oriented in substantially parallel planes.*
68203. Commissariat A L'Energie Atomique. Improvements in or relating to doors. Accepted on 29th December 1960.  
*Comprising a rigid leaf having two guide members secured thereto, two driving members and speed control means provided in respect of one driving member.*
68214. MC Neil Laboratories, Incorporated. Preparation of 5-chlorobenzoxazoles. Accepted on 3rd January 1961.  
*Reacting 5-chlorobenzoxazole having, at the carbon atom in the 2-position, a group replaceable by an amino group with an aminating agent.*
68241. Ciba Limited. New halogen-testanes and pharmaceutical compositions containing same. Accepted on 31st December 1960.  
*Treating suitable testosterone with hydrogen chloride or hydrogen fluoride in presence of chlorine or bromine or an agent yielding chlorine or bromine.*
68256. Arabinda Nath Bose and Ajit Chandra Mazumdar. A process and apparatus for par-boiling raw rice paddy. Accepted on 2nd January 1961.  
*Paddy is soaked in hot water and steamed, the soaked paddy and water are separated after soaking and then the soaked paddy is subjected to steam treatment.*
68263. British Telecommunications Research Limited. Improvements in display equipment for electrical waveforms. (4th July 1958). Accepted on 29th December 1960.  
*In which a plurality of toggles connected to operate as a shift register are arranged to be associated in turn with different portions of the output waveform and to be set in accordance therewith, the setting of toggles being transferred to visual indicating devices before they are associated with a different portion of the record.*
68292. American Cyanamid Company. Process for the 12a-hydroxylation of 12a-dextetraacyclines. (17th February 1959). Accepted on 3rd January 1961.  
*Effecting 12a-hydroxylation of 12a-deoxy-tetracycline by subjecting the latter to the action of oxygenating strains of microorganism of the class fungi imperfecti.*
68318. A. N. D. Naidu. A cotton spinning spindle. Accepted on 3rd January 1961.  
*A fibre stretching and twisting device which grasps and stretches cotton applied to it into thin fibres, holds the fibres and imparts twist to these as they are drawn.*
68520. Ciba Limited. Process for the manufacture of 3-guanidino-quinoline compounds and the products obtained thereby and pharmaceutical preparations containing the same. Accepted on 31st December 1960.  
*Converting a substituent of a quinoline compound convertible into a guanido radical.*
68563. Cardwell Westinghouse Company. Railway draft gears. Accepted on 29th December 1960.  
*Including a housing carrying friction surfaces, spring cushioning means, intermediate follower structure and a plurality of transversely spaced wedge shoes.*

68604. Aktiebolaget Bofors. Servo system working with vectors. Accepted on 30th December 1960.

*Having a controlling member and a controlled member in which the said two members each can be set in two directions at right angles to each other and where the last mentioned member is provided with an indication device.*

68626. J. Gremillet. Machine for typewriting, accounting, or for stenotyping or teleprinting, enabling the simultaneous striking of several characters and space keys single or multiple. Accepted on 30th December 1960.

*Comprising a mobile carriage, a key board comprising type keys and function keys such as spacing, case position change, back space, tabulation, type bars, a first ensemble of single type keys and a second ensemble of multiple type keys.*

68683. Österreichische Stickstoffwerke Aktiengesellschaft. New iodine-containing benzoic acid esters. Accepted on 31st December 1960.

*Reacting iodated benzoic acid with a halogen carboxylic acid ester.*

68699. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for strengthening hollow bodies of plastic materials. [Addition to No. 61553]. Accepted on 3rd January 1961.

*Consisting in subjecting the tube or hollow body, while being heated to the temperature required for expansion to the action of external pressure.*

68727. California Research Corporation. Apparatus for use in nuclear magnetism well logging. Accepted on 29th December 1960.

*Comprising a coil adapted to be positioned in a well bore for polarisation of nuclei in and around the well bore and a source of power.*

68745. Auto-Klean Strainers Limited. Improvements relating to straining or filtering apparatus for liquids. (18th August 1958). Accepted on 29th December 1960.

*Comprising a first unit, a second unit comprising an annular porous filter element a liquid inlet communicating with one side of the first unit and one side of the second unit and a liquid outlet communicating with the other side of the first unit and the other side of the second unit.*

68759. Hein, Lehmann & Co., Aktiengesellschaft. Improvements relating to centrifuges. (26th November 1958). Accepted on 4th January 1961.

*Below the tapering end of the centrifugal drum, a thereto connected accelerating cup 11 is arranged, whose base forms the feed plate and whose conical wall has a lesser conicity around the drum axis than that of the centrifugal drum.*

68787. Commissariat A L'Energie Atomique. Improvements in or relating to conduits for use taking off liquids of different densities. Accepted on 30th December 1960.

*Comprising a pipe formed as a resilient helix disposed between two abutments means being provided for adjusting the distance between the abutments.*

68789. British Telecommunications Research Limited. Improvements in or relating to electrical signalling systems. (3rd September 1958). Accepted on 29th December 1960.

*Of the type employing pilot current for the control of gain regulation, the coupling arrangement including a double wound transformer having a compensating impedance in a tapping connection to one winding.*

68803. Standard Telephones and Cables Limited. Improvements in or relating to electric frequency-responsive apparatus. (12th January 1959). Accepted on 30th December 1960.

*Including a switching device, a detector and control means.*

68804. Standard Telephones and Cables Limited. Improvements in or relating to metal rectifier equipment. (10th February 1959). Accepted on 30th December 1960.

*Comprising a metal cooling unit on opposite sides of which are mounted equal number of rectifier plates in rows and columns with the like electrode sides thereof in direct heat conducting contact and parallel electrical connection with said opposite sides.*

68807. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Improvements in or relating to the production of 4:4-dimethyl-meta-dioxan. (30th July 1959). [Addition to No. 63977]. Accepted on 3rd January 1961.

*Dissolving isobutene in a solvent which is inert to the constituents of the reactive mixture, is insoluble in acid aqueous solution of formaldehyde and is capable of extracting reaction products in selective manner.*

68857. The Singer Manufacturing Company. Two-speed drive for sewing machines. Accepted on 29th December 1960.

*Comprises a driving element, a reaction element, a planet carrier having a plurality of planets having peripheral surfaces of rubber-like resilients friction-enhancing material.*

68859. American Cyanamid Company. Process for preparing 1, 2, 3, 4-tetra-hydro-4-oxo-2-naphthalene derivatives. (13th July 1959). Accepted on 29th December 1960.

*A-3-benzyl glutaric acid the anhydride or diacyl halide thereof is cyclized and if desired the product is chlorinated.*

68866. Licencia Talalmanyokat Ertekesito Vallalat. Refractory compound bricks and methods of making the same. Accepted on 30th December 1960.

*Characterised by the provision of at least one sleeve-like inlay having a filling of refractory, ceramic material and a jacket of likewise refractory ceramic material around the inlay.*

68948. Deering Milliken Research Corporation. Methods and apparatus for processing thermoplastic yarns. (10th April 1959). Accepted on 3rd January 1961.

*Comprising in combination a yarn supply means, a yarn heater means, a blade means positioned adjacent to said heater means, yarn advancing means and a second yarn advancing means.*

68968. Wilsome Jones Company. Loose leaf binder. (17th October 1958). Accepted on 31st December 1960.

*Binder comprising top and bottom post retaining members having a plurality of vertically aligned apertures in both the members. Flexible sheet retaining posts with enlarged heads extend through the concave bottom member and apertures. A slidable top cover plate with stop arrangement holds the upper ends of the posts below the upper edge of the top member.*

68970. N. V. Philips' Gloeilampenfabrieken. Improvements in methods of purifying solid bodies capable of being melted. (18th September 1958). Accepted on 30th December 1960.

*Comprising the steps of securing the body in a holder, in a vacuum or a purifying atmosphere, progressively melting a volume of the body not in contact with the holder so that molten drops form, detach themselves and fall through the purifying atmosphere.*

68979. Marconi's Wireless Telegraph Company Limited. Improvements in or relating to automatic radio distress alarms for aircraft. (18th September 1958). Accepted on 30th December 1960.

*Comprising automatic calling means for sending a predetermined radio distress call, and means responsive to the occurrence of acceleration exceeding a predetermined value for setting said automatic calling means in operation.*

69058. Zavody Elektrotepelnych Zarizen/Zez/Narodni Podnik. Automatic regulators for electric motors. Accepted on 31st December 1960.
- Using a contact switch with a stable and a moving contact which in course of its oscillations cuts out an ohmic resistance from the circuit of the motor.
69063. Jersey Production Research Company. Apparatus for recording a seismic signal. Accepted on 31st December 1960.
- Having a zero crossings of voltages with respect to time about a zero reference line, comprising means for photographically recording the signal with a variable intensity, and means for presenting said intensity as a function of the total time between successive zero crossings.
69153. Dexion Limited. Improvements relating to metal flooring. (24th September 1958). Accepted on 3rd January 1961.
- Comprises an elongated panel with downward edges and transverse openings and bounded by downward flanges.
69181. International Computers and Tabulators Limited, (formerly The British Tabulating Machine Company Limited). Improvements in or relating to data checking apparatus (16th October 1958). Accepted on 31st December 1960.
- Including a magnetic storage core.
69263. Veb Elfa Elsterwerda. Portable field milking stall of herringbone shape. Accepted on 27th December 1960.
- Each of the milking bays is widened by a platform raised above ground level and enclosed by collapsible side rails hinged to the longitudinal girders of the frame work.
69402. Union Carbide Corporation. Earth strata-hardness responsive means. Accepted on 3rd January 1961.
- Comprising a housing, a shaft, a cutting tooth for imparting, rotary motion to the shaft, a resilient member for resisting such motion and an electrical transducer for measuring such motion.
69410. Council of Scientific and Industrial Research. Improvements in or relating to the use of castor oil in surface coatings (ricin varnishes). Accepted on 30th December 1960.
- Castor oil is heated with rosin at 200-250°C for 4-5 hours, condensed with maleic anhydride, the product esterified with a polyol and dehydroxylated and bodied with NaHSO<sub>4</sub> at 250-280°C, cobalt and lead driers and white spirit being added.
69445. Grasso's Koninklijke Machinefabrieken N.V. A machine for making cylinder-, block- or bar-shaped ice. Accepted on 31st December 1960.
- Characterized in that the number of freezing cores has been divided into groups.
69463. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to transistor product circuit arrangements. Accepted on 2nd January 1961.
- Comprising a transistor having an emitter and a collector electrode operating as main electrode and a base electrode operating as control electrode.
69464. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to arrangements for receiving signals capable of assuming a finite number of values. Accepted on 31st December 1960.
- In which the values of the incoming signals are written at fixed writing instants in memory elements, whilst the values, written in these memory elements are transferred in a cyclic order or succession at reading-out instants to a logistic member of the arrangement.
69695. P. B. Menon. An improved thermo-plastic moulding powder. Accepted on 31st December 1960.
- Comprising polystyrene and castor oil.
69756. Simon-Carves Limited. Improvements in and relating to coke oven doors. (9th December 1958). Accepted on 29th December 1960.
- Automatic locking device for coke-oven doors comprising a locking bar having its opposite ends protruding beyond portions of the periphery of the door and being slidable in directions perpendicular to the major plane.
69780. Council of Scientific and Industrial Research. Improvements in or relating to production of citric acid from sugar cane molasses. Accepted on 31st December 1960.
- Subjecting sugar cane molasses to mould growth using a strain of A. niger at 25-32°C and pH of 2-5.
69781. Council of Scientific and Industrial Research. Refining of cottonseed oil to light-coloured products. Accepted on 31st December 1960.
- Adding lower aliphatic alcohol to the oil.
69846. Polymer Corporation Limited. Polymerization of butadiene and catalyst therefor. (8th January 1959). Accepted on 29th December 1960.
- Butadiene 1, 3 is polymerized in the presence of a catalyst obtained by admixing a reducible iodide of a heavy metal of Gr. IV, V or VI an organometallic compound or a metal of Gr. III and an organic ether.
69966. Ciba Limited. 2-araliphatic 3:4-dihydro-1:2:4-benzothiadiazine-1:1-dioxides and process for their manufacture. Accepted on 31st December 1960.
- Reacting 3:4-dihydro-1:2:4-benzothiadiazine-1:1-dioxide with an reactive ester of an araliphatic alcohol.
69982. Metropolitan-Vickers Electrical Company Limited. Improvements in and relating to biasing devices, such as used on relays. (10th December 1958). Accepted on 31st December 1960.
- Comprising a movable soft iron armature operating with two soft iron pole pieces which are positioned to define a space between them, a permanent magnet arranged in said space, and a means for displacing said magnet.
70014. Automatic Telephone & Electric Company Limited. Improvements in or relating to circuit arrangements utilising crossbar switches. (18th December 1958). Accepted on 31st December 1960.
- Wherein the inlets are each multiplied to moving contact-members of corresponding cross points of plurality of bridges of the cross bar switch and the outlets are individually terminated upon moving contact members of other cross points of each of said bridges.
70042. Centre National De La Recherche Scientifique. Improvements in the automatic control and the remote control of machine tools. Accepted on 2nd January 1961.
- Comprising at least one speed counter, a control unit, driving means for displacing the tool with respect to the work-piece, and means for stopping the displacement of the tool with respect to the workpiece.
70076. B. Guignard. Improvements in and relating to a method for producing containers of a generally cylindrical shape and apparatus for executing said method. Accepted on 29th December 1960.
- A helicoidal distribution of the plastic material is provided on the core.
70171. Council of Scientific and Industrial Research. A process for the isolation of levulinic acid in its preparation from carbohydrate materials, such as molasses. Accepted on 4th January 1961.
- Using ketonic solvents as extraction solvents.
70539. "Shell" Research Limited. Method and lubricating composition for metal rolling, cutting and drilling. (30th January 1959). Accepted on 29th December 1960.
- Comprises a major proportion of water and minor proportions of (a) a polyoxyalkylene compound having a negative coefficient of solubility in water (b) a polyoxyalkylene compound insoluble in water and (c) an emulsifying agent for the polyoxyalkylene content.

73085. American Cyanamid Company. Improvements in or relating to the preparation of substituted deoxy tetracyclines. [Divisional date 17th April 1959]. Accepted on 4th January 1961.

*Treating an amino-deoxy tetracycline compound with halogenating agent.*

73086. American Cyanamid Company. Improvements or in relating to the preparation of substituted deoxy tetracyclines. [Divisional date 17th April 1959]. Accepted on 4th January 1961.

*Treating nitrosubstituted-demethyl-deoxytetracycline compounds with reducing agents.*

73758. May & Baker Limited. Pharmaceutical compositions containing a substituted dichloroacetamide. (2nd June 1958). [Divisional date 2nd June 1959]. Accepted on 3rd January 1961.

*Comprising a substituted dichloroacetamide in admixture with a pharmaceutical carrier.*

#### Opposition Proceedings

(1)

An opposition has been entered by Indian Plastics Limited to the grant of the patent on application No. 67519 made by Rattan Chand Harjasrai (Plastics) Private Limited.

(2)

The opposition entered by Montecatini Societa Generale Per L'Industria Mineraria E Chimica to the grant of a patent on application No. 62932 made by Union Carbide Corporation which was notified in Part III, Section 2 of the Gazette of India dated 7th February 1959 has been allowed in part. A patent will be sealed subject to amendment of the specification.

#### Patents Sealed

65353.	65558.	65623.	65882.	65908.	65909.	66122.	66174.
66175.	66196.	66244.	66245.	66322.	66400.	66435.	66453.
66480.	66500.	66546.	66641.	66689.	66692.	66804.	66905.
66942.	67004.	67035.	67171.	67234.	67275.	67276.	67279.
67416.	67654.	67720.	67780.	67848.	68040.	68100.	68209.
69141.	69143.	69144.	71691.	71865.			

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that J. R. Geigy A.-G., a body corporate organised according to the laws of Switzerland, of 215, Schwarzwaldallee, Basle, Switzerland, seek leave to amend figures of the drawings in the drawings in respect of the Patent application No. 65616. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Officer, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Kemball, Bishop & Company Limited, of Crown Chemical Works, Three Mill Lane, Bromley-by-Bow, London, E. 3, England, a British Company, seek leave to amend the name, nationality and address of the Applicant in the application and specification in respect of Patent application No. 66448. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

The amendment proposed by Rohm & Haas Company in respect of Patent Application No. 66449 as advertised in the Gazette of India Part III, Section 2, dated the 1st October 1960 has been allowed.

#### Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following case. The number of each case is followed by the names of the parties claiming interests.

59502 — Waugh Equipment Company.

Renewal Fees Paid							
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#### Extension of the Terms of Patents

(1)

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911, for the extension of the term of Patent No. 31759 and its addition No. 37586 for "Improved method for the production of porous slags or other smelts" and "Improved method of breaking up foamed blast furnace slag and other smelts" respectively has been left at the Patent Office on behalf of Westminster Bank Limited, of 41 Lathbury in the City of London, England. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of extension of the term of these patents shall, within two months from the date of this notification, lodge with the Controller of Patents and Designs at the above address, a notice on Form 6 of the Indian Patents and Designs Rules, 1933 and shall, at the same time, serve a copy of such notice upon the petitioners C/o. Messrs. De Penning & De Penning, 10, Government Place East, Calcutta-1.

(2)

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911 for extension of the term of patent No. 32607 for 'Improvements in writing Instruments' has been left at the Patent Office on behalf of Messrs. Compania Uruguay De Fomento Industrial S.A., of Floride 1251, Monte-video, Uruguay. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of the extension of the term of this patent shall, within two months from the date of this notification, lodge with the Controller of Patents and Designs at the above address, a notice on form 6 of the Indian Patents and Designs Rules, 1933 and shall at the same time serve a copy of such notice upon the petitioners C/o. Messrs. Remfry & Son, 40/44, Stephen House, Dalhousie Square, Calcutta-1.

(3)

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911 for extension of the term of Patent No. 34000 for 'Apparatus for the production of energy by nuclear fission' has been left at the Patent Office on behalf of Commissariat A L'Energie Atomique of 69 Rue de Varenne, Paris Vieme, France. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of extension of the term of this Patent shall, within two months from the date of this notification, lodge with the Controller of Patents and Designs at the above address, a notice on form 6 of the Indian Patents and Designs Rules 1933 and, shall at the same time serve a copy of such notice upon the petitioners C/o. Messrs. Remfry & Son, 40/44, Stephen House, Dalhousie Square, Calcutta-1.

(4)

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911 for extension of the term of Patent No. 36491 for 'Improvements in writing instruments' has been left at the Patent Office on behalf of Messrs. Compania Uruguay De Fomento Industrial S.A., of Floride 1251, Monte-Video, Uruguay. The

petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of the extension of the term of this patent shall, within two months from the date of this notification lodge with the Controller of Patents and Designs at the above address, a notice on Form 6 of the Indian Patent and Designs Rules, 1933 and shall at the same time serve a copy of such notice upon the petitioners C/o. Messrs. Remfry & Son, 40/44, Stephen House, Dalhousie Square, Calcutta.

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28092. 37412. 38101. 41392. 41410. 45209. 45226. 45228.  
45231. 47360. 49586. 49587. 49593. 49597. 49600. 51966.  
51992. 51996. 54517. 54521. 54533. 54554. 54562. 54573.  
54575. 57215. 57374. 57403. 57435. 57436. 60108. 60581.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Design Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 105523. Kirpasaker Narsilal Pandya, of 27-29 Dr. Bhagwanlal Indrajit Road, Post, Malabar Hill, Bombay-6, Maharashtra, Indian, "A portable oven (Segdi)", July 12, 1960.

Class 1. No. 105700. Mepco & Co., 124, Harrison Road, Calcutta-7, State of West Bengal, India, an Indian Partnership firm, "Chair", July 28, 1960.

Class 3. No. 106626. Gobind Choithram Dadlani of 63/64, Candy Castle, Near Strand Cinema, Colaba, Bombay-5, State of Maharashtra, India, Indian, "A device for dry cleaning of or removing stains from garments and fabric", October 1, 1960.

Class 5. No. 105535. Roche Ramchand Pardasani, Bhatia Bldg., 87, Ranade Road, Shivaji Park, Dadar, Bombay-28, Maharashtra, Indian, "Boards for games", July 20, 1960.

Class 5. Nos. 105484 and 105485. Roche Ramchand Paradasani, Bhatia Bldg., 87, Ranade Road, Shivaji Park, Dadar, Bombay 28, Maharashtra, Indian, "Boards for games", July 6, 1960.

Class 13. Nos. 106506 to 106518. The Shree Niwas Cotton Mills Ltd., an Indian Firm situated at Delisle Road, Bombay-13, "Cotton piecegoods", September 19, 1960.

Class 13. Nos. 106756 to 106767. Messrs. The Phoenix Mills Ltd., an Indian Company, Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", October 10, 1960.

Class 13. Nos. 107369 to 107371. Crown Spg. & Mfg. Co. Ltd., Ghokhale Road (South), Parel, Bombay 13, Indian, "Textile goods", November 24, 1960.

Class 13. Nos. 107308 and 107309. Messrs. New Era Fabrics Private Limited, Tulsi Pipe Road, Bombay-16, (Registered under the Indian Companies Act 1956), Textile goods", November 19, 1960.

Class 13. Nos. 106629 and 106630. The Ahmedabad Advance Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", October 1, 1960.

Class 13. Nos. 106191 to 106193. The Svadeshi Mills Co. Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", August 27, 1960.

Class 13. Nos. 106794, 106796 to 106818. Shree Ram Mills Ltd., of Fergusson Road, Lower Parel, Bombay 13, India, a Company incorporated in India, "Textile piece goods", October 13, 1960.

Class 13. Nos. 106478 and 106479. Ashok Silk Mills, 144, Dharavi Road, Bombay-17, whose Proprietors are M/s. Industrial Development & Investment Co. Private Ltd., Indian Private Ltd. Company, "Textile goods", September 15, 1960.

Class 13. Nos. 106930, 106931 and 106933. Shri Ram Mills, Limited, Fergusson Road, Parel, Bombay 13, India, a Company incorporated in India, "Textile piecegoods", October 22, 1960.

Class 13. Nos. 106530 to 106538. The Svadeshi Mills Co. Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", September 21, 1960.

Class 13. Nos. 106935 to 106943. The Svadeshi Mills Co. Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", October 22, 1960.

Class 13. No. 106034. The Svadeshi Mills Co. Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", August 17, 1960.

Class 13. Nos. 107337 to 107340. The Arvind Mills Ltd., Naroda Road, Ahmedabad-2, Indian Company, "Cotton textile fabrics", November 22, 1960.

Class 13. Nos. 107064, 107065 and 107067. The Ashoka Mills Limited, Post Box No. 1050, Naroda Road, Ahmedabad, Indian Company, "Cotton textile fabrics", November 9, 1960.

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